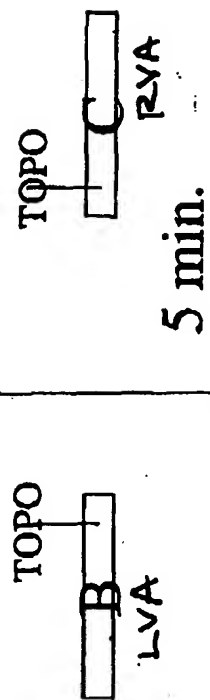


205210 05025001

Insert



5 min.



+



FIGURE 1

Insert 10-0502500F

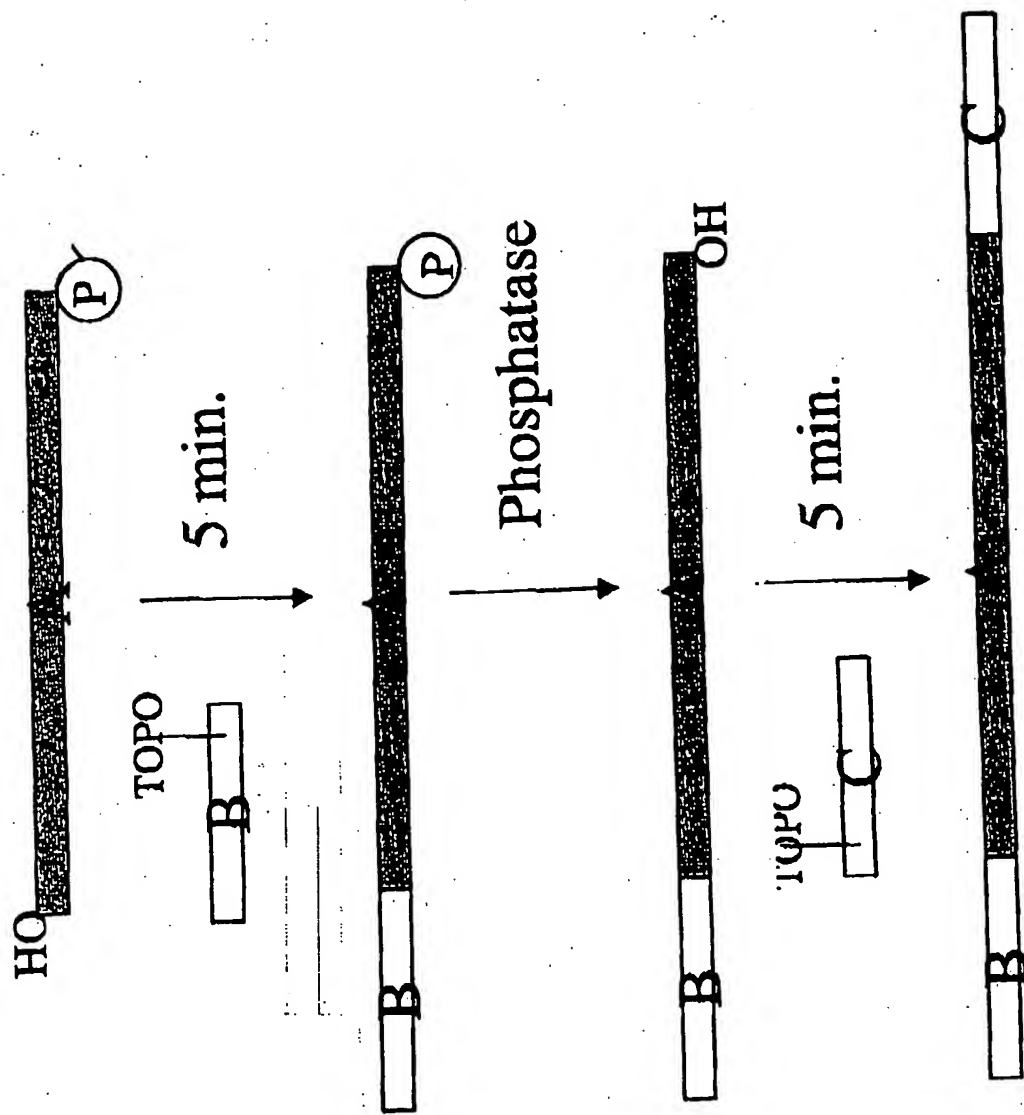


FIGURE 2

Insert

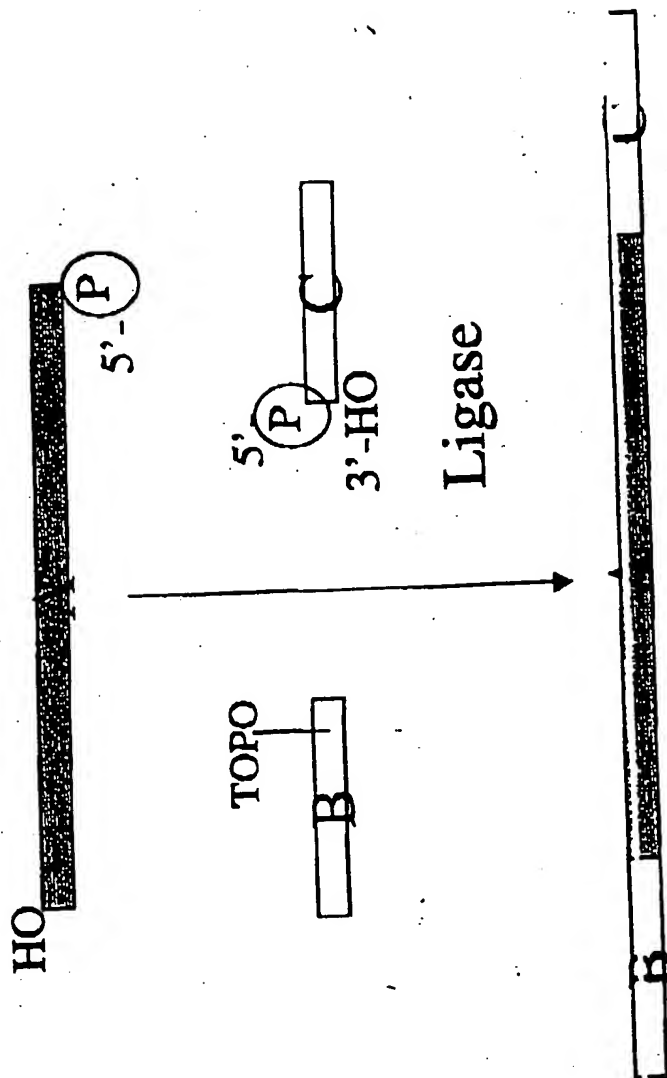


FIGURE 3

Insert 0.05025004

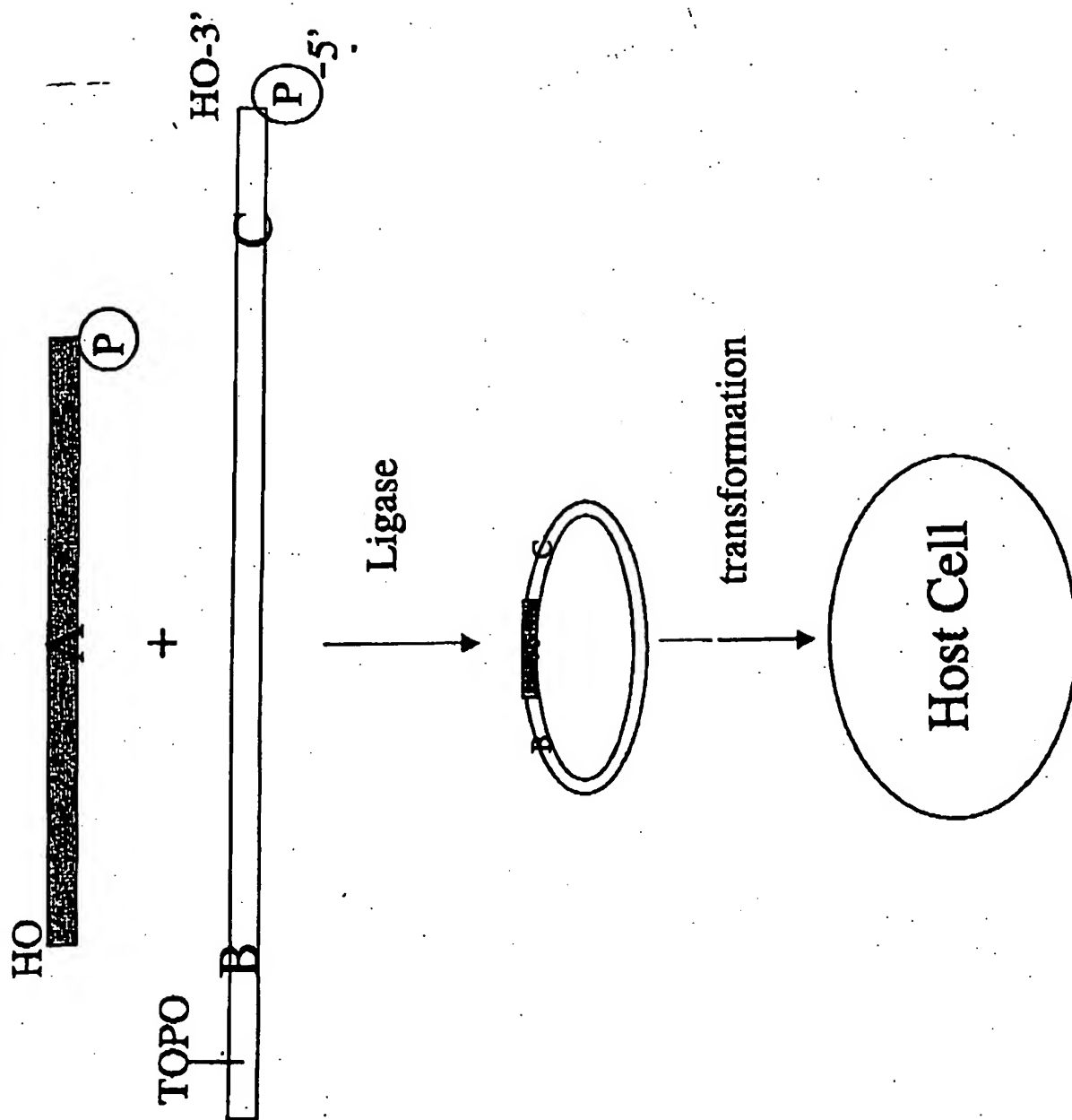



FIGURE 4

# Insert

HO  OH

TOPO 

TOPO 



+



transformation

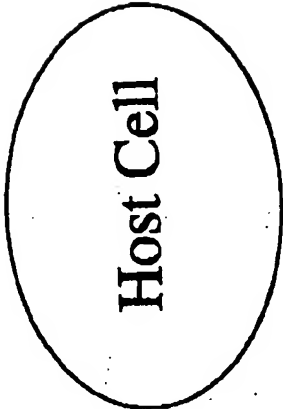
  
Host Cell

FIGURE 5

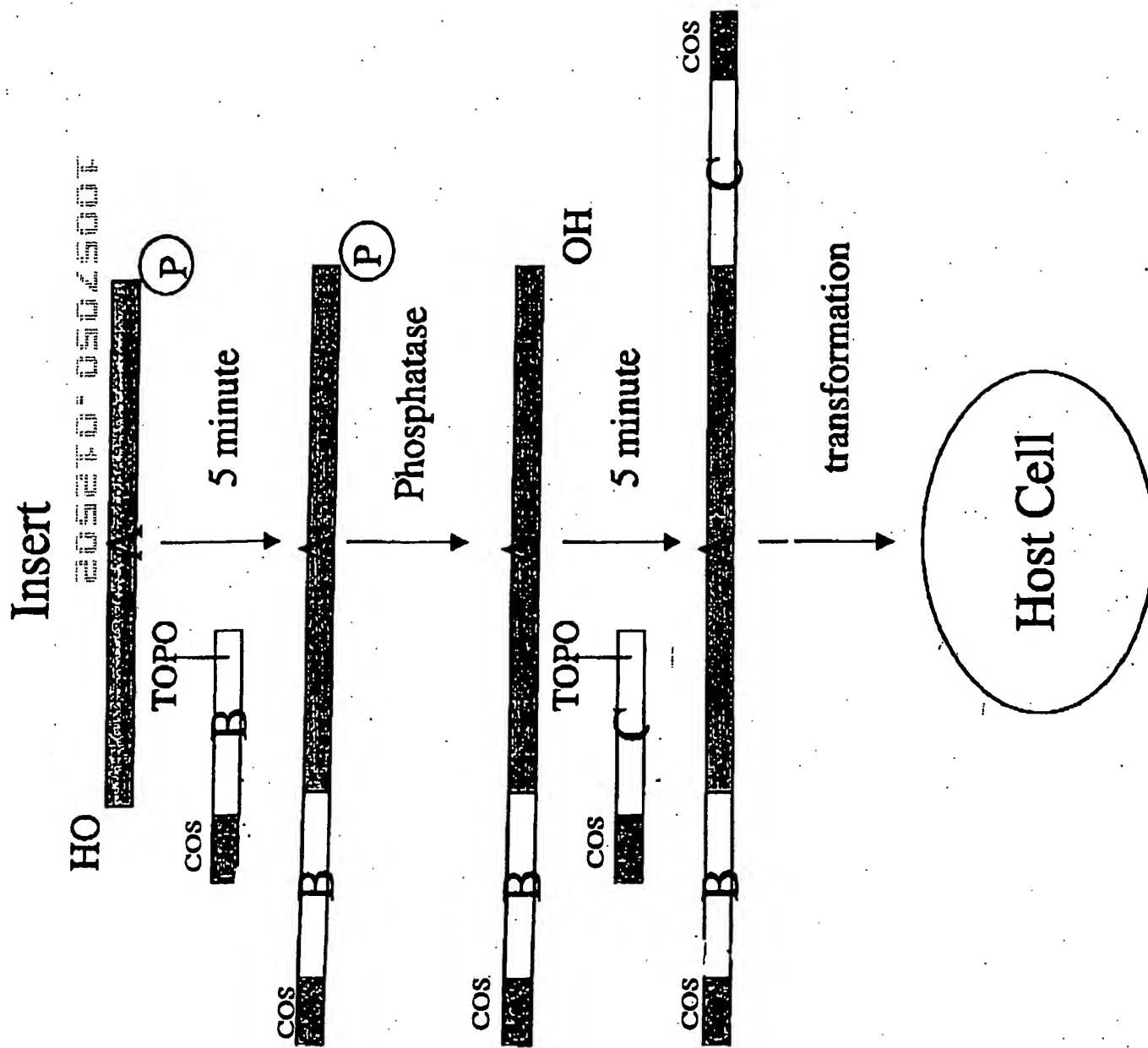


FIGURE 6

# Insert

HO-05025004

HO

OH

TOPO

TOPO

LIC

B

LIC

C

LIC

B

LIC

C

LIC

LIC

B

LIC

C

LIC

B

LIC

C

LIC

B

LIC

+

LIC

C

LIC

B

LIC

C

LIC

B

LIC

C

LIC

transformation

Host Cell

FIGURE 7

# Insert

HO 205210-0504500F

TOPO

LIC

B

5 minute

LIC

B

Phosphatase

TOPO

LIC

C

5 minute

OH

LIC

B

C

transformation

Host Cell


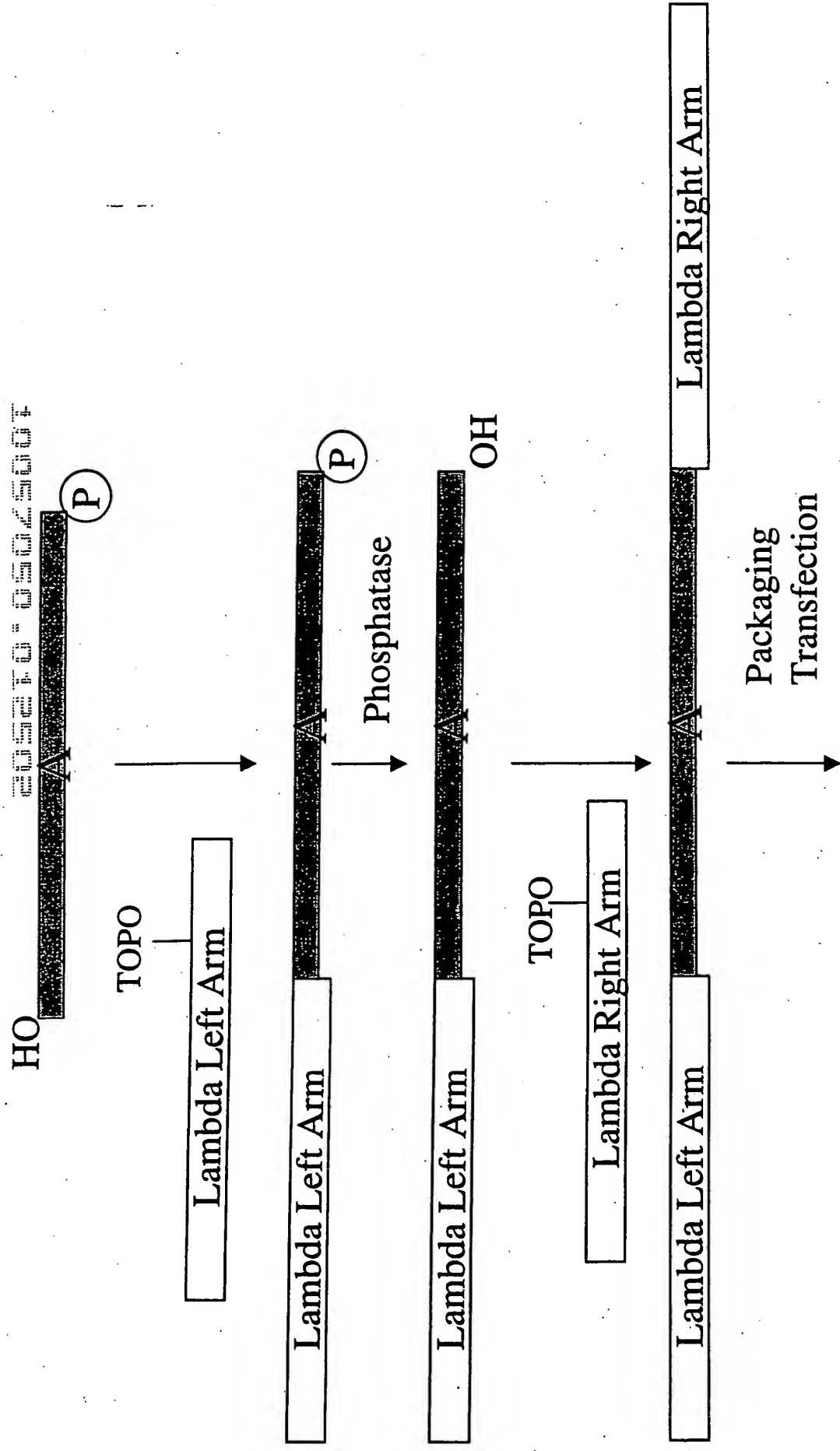
FIGURE 8

(P)

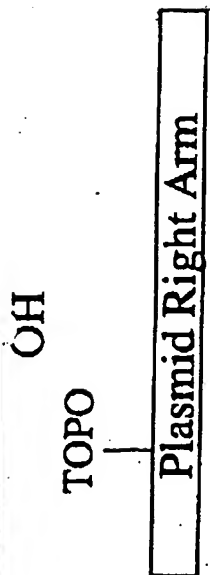
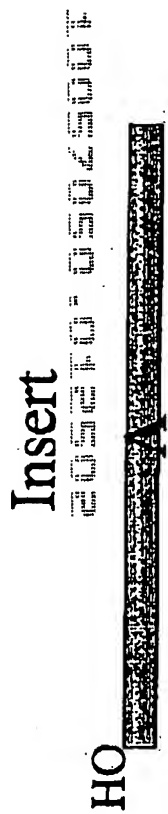
(P)

LIC





A diagram showing a large oval labeled "Host Cell". Inside the host cell, there is a smaller, more complex shape representing a virus particle, which is labeled "Virus Particle".



+



Transformation

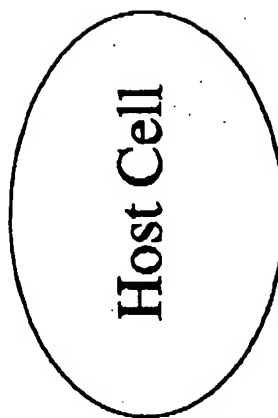
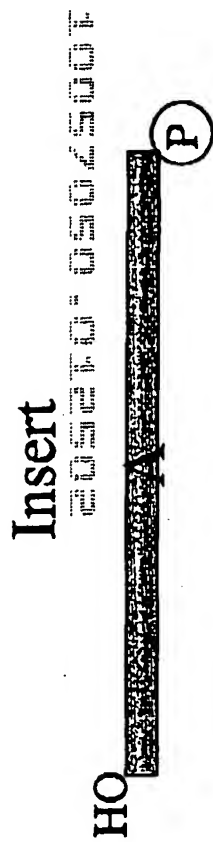
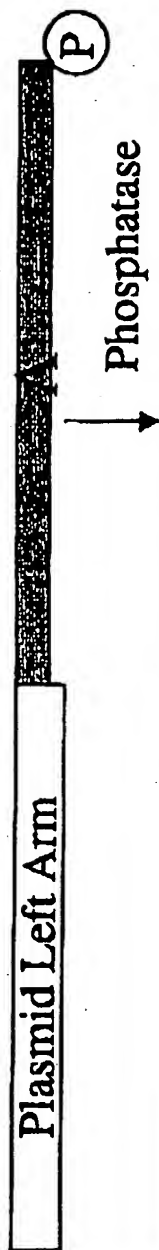


FIGURE 1 0



TOPO

Plasmid Left Arm



TOPO

Plasmid Right Arm



Transformation

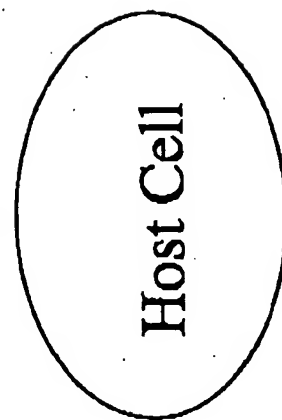
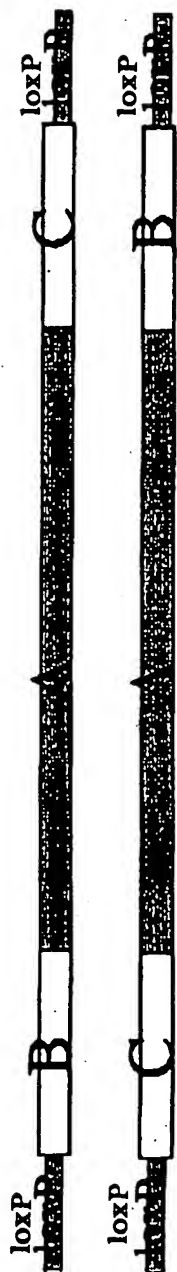


FIGURE 11

Insert

HO

TOPO OH



Site-Specific Recombination  
Cre Recombinase In Vivo or In Vitro

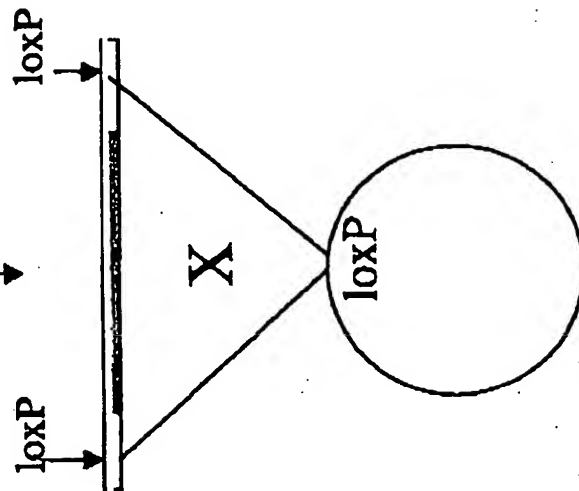


FIGURE 12

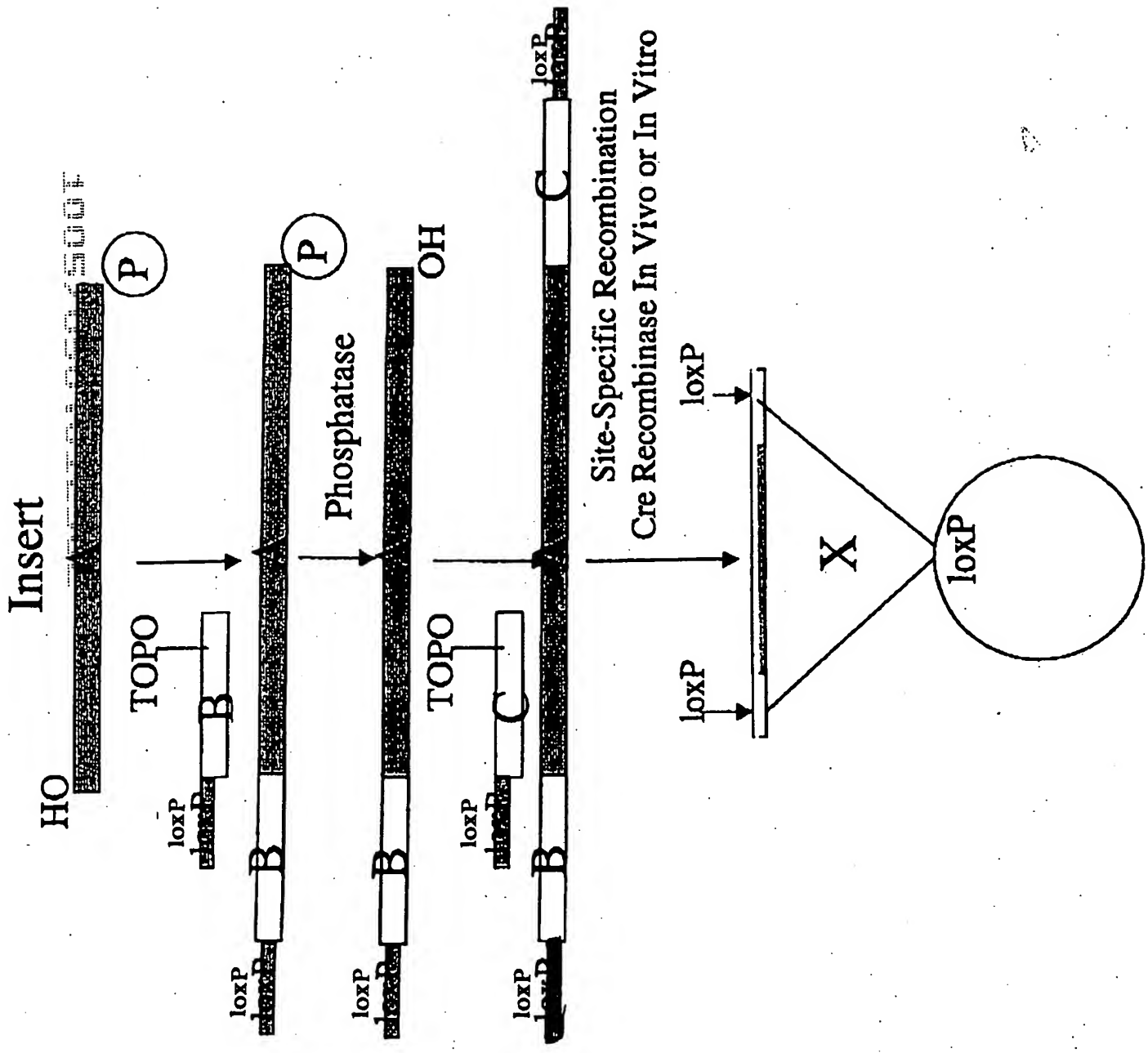


FIGURE 13

Insert TO-05045004

HO



OH

TOPO



TOPO



Homologous Recombination  
In Vivo

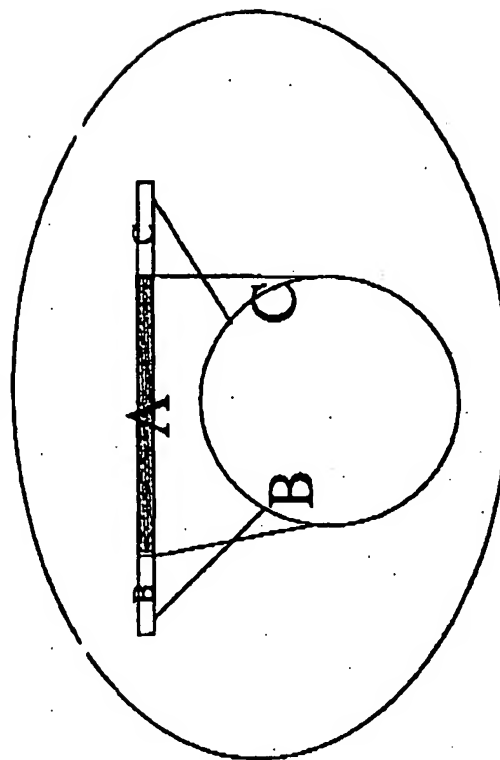


FIGURE 14

Figure 15

Insert

